



PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10764,246
		Filing Date	January 23, 2004
		First Named Inventor	Pile, Donald A.
		Art Unit	3641 1755
		Examiner Name	Felton
Attorney Docket Number	R087 1273.1		
Sheet 1	of 1		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AZ	A	US- 2,111,203	03/15/1938	Brün	
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			
	N	US-			
	O	US-			
	P	US-			
	Q	US-			
	R	US-			
	S	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
AZ	T	EP 0 310 580A	04/05/1989	Aktiebolaget Bofors		
	U	EP 0 599 792A	06/01/1994	Nitro Nobel AB		
	V	EP 0 699 646A	03/06/1996	Europa Metalli - Sezion		
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	X	WO 97/16397A	05/09/1997	Dynamit Nobel GmbH		
AZ	Y	WO 01/21588A	03/29/2001	Sellier & Bellot, A.S.		

Examiner Signature	<i>Don B. Felton</i>	Date Considered	4/26/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 1

Complete if Known

Application Number	10/764,246
Filing Date	January 23, 2004
First Named Inventor	Pile, Donald A.
Art Unit	3644 1755
Examiner Name	*** Felton
Attorney Docket Number	R087.1273.1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)				
A-F	A	US- 1,930,653	10/1933	McNutt		
	B	US- 3,155,553	11/1964	Taylor et al.		
	C	US- 3,719,148	03/1973	Gawlick et al.		
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	G	US- 4,994,125	02/1991	Mei		
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

A. B. Felton

Date
Considered

4/26/04

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Form PTO-1449

Attorney Docket No.
R087 1273.1Serial No.
10/764,246

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant

PILE et al

Filing Date

January 23, 2004

Group

1755

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	C	4,094,028	06/1978	Fujiyama et al	9	321	
	D	4,243,444	01/1981	Alley et al	149	98	
	E	4,280,409	07/1981	Rozner et al	102	364	
	F	4,363,679	12/1982	Hagel et al	149	37	
	G	4,372,213	02/1983	Rozner et al	102	301	
	H	4,398,977	08/1983	Webster, III	149	42	
	I	4,419,153	12/1983	Boberg	149	22	
	J	4,557,771	12/1985	Bencz et al	149	14	
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	L	4,674,409	06/1987	Lopata et al	102	471	
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<i>AL</i>	XX	DE 196 25 897 A1	01/1997	Germany				X

02	YY	EP 0 538 135 B1	05/1997	Europe			X	
	ZZ	WO 99/44968	09/1999	PCT			X	
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* Not in file Auth B Felton 4/26/04